

# Water Quality Characteristics by Water Quality Zone

## March 2002

Water Quality Parameter	WQZ	Mean	Median	Standard Deviation	Minimum	Maximum	Count	Coefficient of Variation
<b>Hardness ppm</b>	1	154	177	64.8	59	204	4	42%
	2	115	113	4.8	110	122	9	4%
	3	131	103	47.1	84	198	11	36%
	4	98	92	25.9	70	145	7	26%
	5	108	108	7.0	100	126	13	6%
	6	110	112	13.6	80	133	10	12%
	7	115	112	10.2	106	141	10	9%
	8	147	154	35.0	82	198	9	24%
	9	110	92	42.7	75	190	8	39%
	10	78	79	2.6	74	80	4	3%
	System Wide	117	110	33.0	59	204	85	28%
<b>TDS ppm</b>	1	439	480	104.6	198	546	10	24%
	2	280	277	8.6	268	301	27	3%
	3	341	364	96.6	203	479	34	28%
	4	239	240	41.6	188	357	25	17%
	5	253	257	27.1	164	307	36	11%
	6	259	260	21.2	205	294	28	8%
	7	236	223	26.6	180	289	29	11%
	8	314	308	50.5	220	429	21	16%
	9	270	246	92.7	214	619	23	34%
	10	238	236	12.8	217	260	13	5%
	System Wide	279	259	73.3	164	619	246	26%
<b>Sodium ppm</b>	1	51	49	14.4	35	70	4	28%
	2	42	43	2.1	38	45	9	5%
	3	43	43	12.0	26	58	11	28%
	4	38	34	8.1	30	50	7	21%
	5	41	42	3.5	34	44	13	9%
	6	39	40	5.2	27	44	10	13%
	7	32	29	5.9	27	43	10	19%
	8	41	42	4.0	32	47	9	10%
	9	47	45	7.2	40	60	8	15%
	10	40	40	0.8	39	41	4	2%
	System Wide	41	42	8.0	26	70	85	20%

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<i>pH units</i>	1	7.6	7.6	0.19	7.4	8.1	10	2%
	2	8.0	8.0	0.11	7.8	8.3	27	1%
	3	8.0	8.0	0.14	7.7	8.3	34	2%
	4	8.0	8.0	0.18	7.7	8.3	25	2%
	5	7.8	7.8	0.23	7.2	8.2	36	3%
	6	7.9	7.9	0.19	7.4	8.1	28	2%
	7	7.8	7.8	0.12	7.6	8.0	29	1%
	8	7.7	7.7	0.16	7.4	8.1	21	2%
	9	7.9	8.0	0.25	7.2	8.2	23	3%
	10	7.8	7.8	0.07	7.7	7.9	13	1%
	System Wide	7.9	7.9	0.21	7.2	8.3	246	3%
<i>Chlorine ppm</i>	1	0.9	0.8	0.17	0.6	1.2	10	19%
	2	0.9	0.9	0.08	0.8	1.1	27	9%
	3	0.8	0.8	0.13	0.5	1.1	34	16%
	4	0.9	0.9	0.13	0.6	1.1	25	15%
	5	0.9	0.9	0.14	0.5	1.1	36	16%
	6	0.9	0.9	0.18	0.3	1.2	28	20%
	7	0.8	0.8	0.06	0.7	1.0	29	7%
	8	0.8	0.9	0.17	0.3	1.1	21	20%
	9	0.8	0.8	0.18	0.4	1.1	23	21%
	10	0.8	0.8	0.13	0.6	1.0	13	17%
	System Wide	0.9	0.9	0.14	0.3	1.2	246	17%
<i>Temperature deg C</i>	1	22.4	22.6	1.09	21.0	23.8	10	5%
	2	24.1	23.9	1.43	21.3	27.0	27	6%
	3	22.8	22.6	1.58	20.5	28.0	34	7%
	4	25.7	26.0	1.40	23.0	28.0	25	5%
	5	24.0	23.5	2.41	19.6	29.1	36	10%
	6	23.4	23.6	1.66	20.5	26.7	28	7%
	7	23.0	23.1	1.76	18.7	25.7	29	8%
	8	23.7	23.7	1.80	21.2	27.3	21	8%
	9	25.1	25.4	1.97	21.0	27.7	23	8%
	10	24.2	24.6	2.12	20.0	27.9	13	9%
	System Wide	23.8	23.7	1.99	18.7	29.1	246	8%